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Lee

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(54) **METHOD AND SYSTEM FOR SUPPLYING PRODUCTS FROM PRE-STORED DIGITAL DATA IN RESPONSE TO DEMANDS TRANSMITTED VIA COMPUTER NETWORK**

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(57) **ABSTRACT**

The present invention relates to a digital data duplication system that utilizes one or more computer networks to automate the process from order-taking to delivery, eliminating the need for human supervision. Customers enter requests for a given number of machine-readable articles containing digital data, typically compact disks. The requests are transferred to a website, which sends to a server electronic mails containing the details of the requests. Upon receiving an electronic mail, the server directs a printing device to produce mailing labels for shipment. The server has an internal archive of all data it uses to convert blank CD-Rs into the requested CDs, and is connected to a series of CD-R writing machines. The server schedules each request, downloads necessary data onto the CD-R writing machine that is assigned a particular request, and sends a write command. The CD-R writing machine subsequently transfers the data in its cache onto the pre-loaded CD-Rs. After the data transfer is complete, the CDs embodying the requested information are automatically placed in a bin for shipment.

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G06F 13/00 (2006.01)

(52) **U.S. Cl.** **709/203; 709/217; 709/219**

(58) **Field of Classification Search** **709/203, 709/217, 218, 219, 226, 227; 369/84, 85**
See application file for complete search history.

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8 Claims, 4 Drawing Sheets

